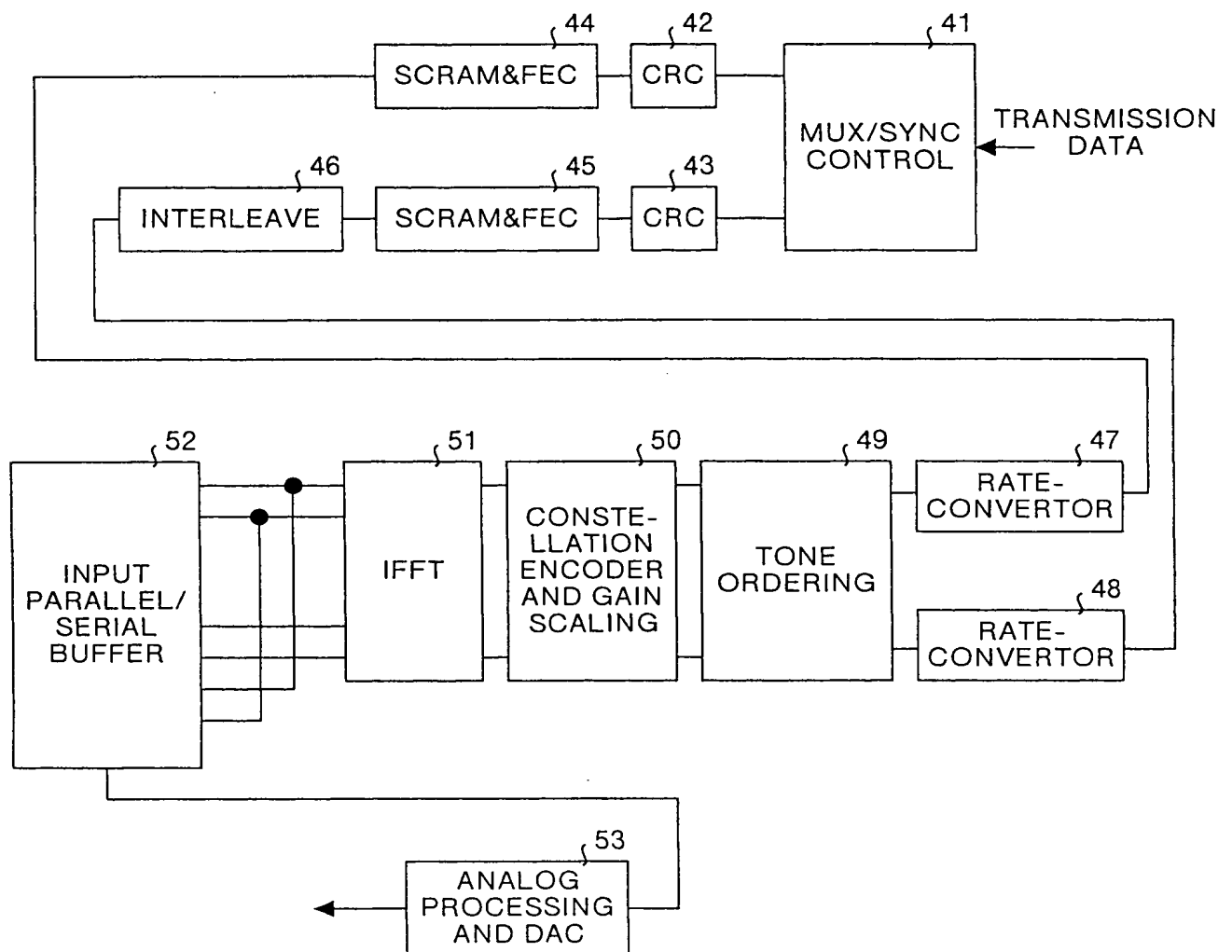




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FIG.2

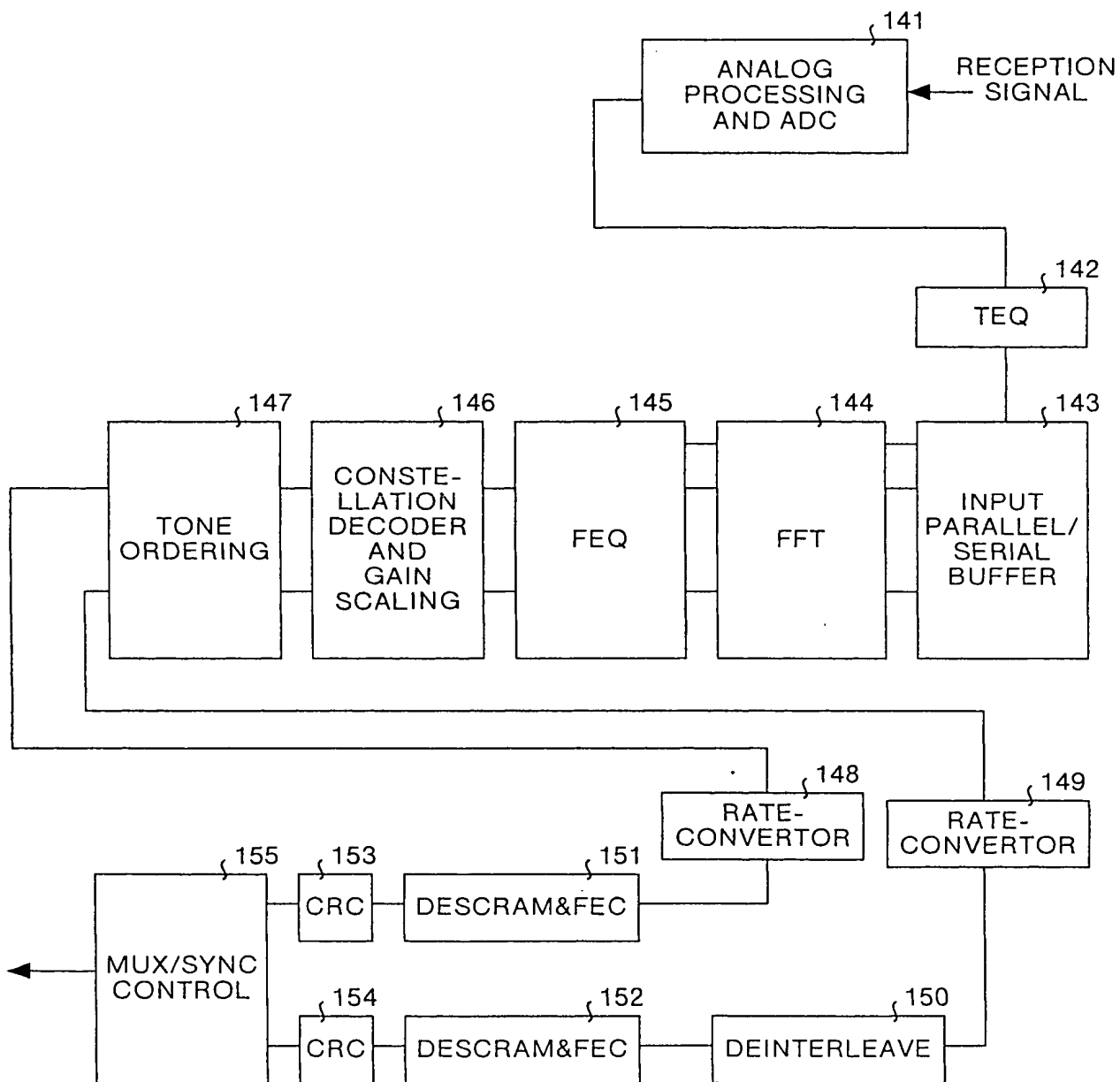




REPLACEMENT SHEET

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FIG.3





REPLACEMENT SHEET

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FIG.12

SUMMARY OF DATA

	PPI	PIL
NUMBER OF COLUMN	M:53	M:53
NUMBER OF ROW	N:10	N:10
MINIMUM INTER-SIGNAL-POINT DISTANCE (1,X)	4	5
MINIMUM INTER-SIGNAL-POINT DISTANCE (2,X)	58	58
MINIMUM INTER-SIGNAL-POINT DISTANCE (3,X)	111	111
MINIMUM INTER-SIGNAL-POINT DISTANCE (4,X)	164	164
MINIMUM INTER-SIGNAL-POINT DISTANCE (5,X)	216	217
MINIMUM INTER-SIGNAL-POINT DISTANCE (6,X)	165	162
MINIMUM INTER-SIGNAL-POINT DISTANCE (7,X)	109	111
MINIMUM INTER-SIGNAL-POINT DISTANCE (8,X)	56	56
MINIMUM INTER-SIGNAL-POINT DISTANCE (9,X)	4	3
VARIANCE	0.3857	0.3685
TOTAL PATTERN(/(530*529/2))	54066	51661

FIG.13

N \ M	1	2	3	4	5	6	...
1	1	2	4	8	16	32	...
2	2	4	8	16	32	11	...
3	4	8	16	32	11	22	...
4	8	16	32	11	22	44	...
5	16	32	11	22	44	35	...
6	32	11	22	44	35	17	...
7	11	22	44	35	17	34	...
8	22	44	35	17	34	15	...
9	44	35	17	34	15	30	...
10	35	17	34	15	30	7	...



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FIG.16

SUMMARY OF DATA

	PPI	PIL
NUMBER OF COLUMN	M:53	M:53
NUMBER OF ROW	N:10	N:10
MINIMUM INTER-SIGNAL-POINT DISTANCE (1,X)	27	5
MINIMUM INTER-SIGNAL-POINT DISTANCE (2,X)	67	58
MINIMUM INTER-SIGNAL-POINT DISTANCE (3,X)	117	111
MINIMUM INTER-SIGNAL-POINT DISTANCE (4,X)	167	164
MINIMUM INTER-SIGNAL-POINT DISTANCE (5,X)	225	217
MINIMUM INTER-SIGNAL-POINT DISTANCE (6,X)	172	162
MINIMUM INTER-SIGNAL-POINT DISTANCE (7,X)	114	111
MINIMUM INTER-SIGNAL-POINT DISTANCE (8,X)	64	56
MINIMUM INTER-SIGNAL-POINT DISTANCE (9,X)	14	3
VARIANCE	0.2244	0.3685
TOTAL PATTERN/(530*529/2)	31464	51661



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FIG.17

SUMMARY OF DATA

	PPI (DISTANCE BETWEEN u1 AND 2u: FIVE ROWS)
Number of Column	M:53
Number of Row	N:10
MINIMUM INTER-SIGNAL-POINT DISTANCE (0,X)	265
MINIMUM INTER-SIGNAL-POINT DISTANCE (1,X)	163
MINIMUM INTER-SIGNAL-POINT DISTANCE (2,X)	111
MINIMUM INTER-SIGNAL-POINT DISTANCE (3,X)	57
MINIMUM INTER-SIGNAL-POINT DISTANCE (4,X)	5
MINIMUM INTER-SIGNAL-POINT DISTANCE (5,X)	1
MINIMUM INTER-SIGNAL-POINT DISTANCE (6,X)	3
MINIMUM INTER-SIGNAL-POINT DISTANCE (7,X)	58
MINIMUM INTER-SIGNAL-POINT DISTANCE (8,X)	109
MINIMUM INTER-SIGNAL-POINT DISTANCE (9,X)	163



REPLACEMENT SHEET

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FIG.18

SUMMARY OF DATA

	PPI (DISTANCE BETWEEN u1 AND 2u: NINE ROWS)
Number of Column	M:53
Number of Row	N:10
MINIMUM INTER-SIGNAL-POINT DISTANCE (0,X)	53
MINIMUM INTER-SIGNAL-POINT DISTANCE (1,X)	59
MINIMUM INTER-SIGNAL-POINT DISTANCE (2,X)	111
MINIMUM INTER-SIGNAL-POINT DISTANCE (3,X)	164
MINIMUM INTER-SIGNAL-POINT DISTANCE (4,X)	217
MINIMUM INTER-SIGNAL-POINT DISTANCE (5,X)	164
MINIMUM INTER-SIGNAL-POINT DISTANCE (6,X)	109
MINIMUM INTER-SIGNAL-POINT DISTANCE (7,X)	56
MINIMUM INTER-SIGNAL-POINT DISTANCE (8,X)	3
MINIMUM INTER-SIGNAL-POINT DISTANCE (9,X)	1